

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE 1 of 23	
2. AMENDMENT/MODIFICATION NO. Amendment 02		3. EFFECTIVE DATE 03/15/12		4. REQUISITION/PURCHASE NO. 4200421032		5. PROJECT NO. (If applicable) PCN 96968.3	
6. ISSUED BY JOHN F. KENNEDY SPACE CENTER, NASA PROCUREMENT OFFICE, CODE: OP-CS-A/Lester S. Howard KENNEDY SPACE CENTER, FL 32899				7. ADMINISTERED BY (If other than Item 6) JOHN F. KENNEDY SPACE CENTER, NASA PROCUREMENT OFFICE, CODE: OP-CS-B KENNEDY SPACE CENTER, FL 32899			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and Zip Code)				<input checked="" type="checkbox"/> 9A. AMENDMENT OF SOLICITATION NO. NNK12421032R			
				9B. DATED (SEE ITEM 11) 02/06/2012			
				<input type="checkbox"/> 10A. MODIFICATION OF CONTRACT/ORDER NO.			
				10B. DATED (SEE ITEM 13)			
CODE		KRED CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input checked="" type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning <u>1</u> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required) N/A							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
<input type="checkbox"/>	A	THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.					
<input type="checkbox"/>	B	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (Such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).					
<input type="checkbox"/>	C	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:					
<input type="checkbox"/>	D	OTHER (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return <u> </u> copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) See Attached Pages.							
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Lester S. Howard			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
BY _____ (Signature of person authorized to sign)				BY _____ (Signature of Contracting Officer)			

A. SF1442, Block 13, Change to Read: Sealed offers in original and 2 copies to perform the work required are due at the place specified in Item 8 by 3:00 PM local time on 29 March, 2012.

B. Section I-Contract Clauses; add the following clause by reference to section I.3:

(a) NFS 1852.225-71 Restriction on Funding Activity with China

(b) FAR Clause 52.204-10 by reference is updated to (FEB 2012)

C. Section K-Representations, Certifications, and other Statements of Offerors or Respondents: Add the following provision to section K, as provision K.3:

1852.225-72 Restriction on funding Activity with China – Representation

(a) Definition - “China” or “Chinese-owned” means the People’s Republic of China, any company owned by the People’s Republic of China or any company incorporated under the laws of the People’s Republic of China.

(b) Public Laws 112-10, Section 1340(a) and 112-55, Section 536, restrict NASA from contracting to participate, collaborate, or coordinate bilaterally in any way with China or a Chinese-owned company with funds appropriated on or after April 25, 2011. Contracts for commercial and non-developmental items are excepted from the prohibition as they constitute purchase of goods or services that would not involve participation, collaboration, or coordination between the parties.

(c) Representation. By submission of its offer, the offeror represents that the offeror is not China or a Chinese-owned company.

(End of provision)

Section K.1, FAR Clause 52.204-8 ANNUAL REPRESENTATIONS AND CERTIFICATIONS is updated to (FEB 2012)

Section K.2, FAR Clause 52.209-7 INFORMATION REGARDING RESPONSIBILITY MATTERS is updated to (FEB 2012)

D. Section C – Description/Specification/Work Statement: Replace original documents with Revised ‘B’ Documents as listed below;

C. 2 CONTRACT DRAWINGS, MAPS AND SPECIFICATIONS

(a) Five sets of full scale contract drawings, maps and specifications, (excluding applicable publications incorporated into the technical provisions by reference), plus one CD or DVD containing electronic, portable document format (PDF) versions, will be furnished at award to the Contractor without charge. The work shall conform to the following contract drawings, maps and specifications, attached hereto and made a part hereof.

Drawing 79K38877 VOL 1 Rev B titled “Revitalize Water & Wastewater Systems – Volume 1 of 5 – Water System” dated 03/07/2012, pages 1 through 186.

Drawing 79K38877 VOL 2 Rev B titled “Revitalize Water & Wastewater Systems – Volume 2 of 5 – Lift Stations” dated 03/07/2012, pages 1 through 91.

Drawing 79K38877 VOL 3 Rev B titled “Revitalize Water & Wastewater Systems – Volume 3 of 5 – Force Mains” dated 03/07/2012, pages 1 through 46.

Drawing 79K38877 VOL 4 Rev B titled “Revitalize Water & Wastewater Systems – Volume 4 of 5 – Water System Additional” dated 03/07/2012, pages 1 through 54.

Drawing 79K38877 VOL 5 Rev B titled "Revitalize Water & Wastewater Systems – Volume 5 of 5 – W1 Pump Station Replacement" dated 03/07/2012, pages 1 through 67.

Drawing 79K38879 Rev B titled "Revitalize Water & Wastewater Systems KARS Park 1" dated 03/07/2012, pages 1 through 52.

Drawing 79K39058 titled "Demolish Second Street Abandoned Utilities" dated 12/09/11, pages 1 through 20.

Specification 79K38878 Rev A titled "Revitalize Water/Wastewater Systems, Phase 4 - Volume 1 of 5, Volume 2 of 5, Volume 3 of 5, Volume 4 of 5, Volume 5 of 5 DP1 PCN:96968.3" dated 10/31/11, pages 1 through 1077.

Specification 79K38880 Rev A titled "Revitalize Water/Wastewater Systems, Phase 4 - DP2 - KARS Park PCN: 96968.3" dated 10/31/11, pages 1 through 520.

Specification 79K39059 titled "Demolish Second Street Abandoned Utilities" dated 12/09/11, pages 1 through 107.

(b) Addenda to Specifications and Drawings: N/A

(c) "Or Equal" Items"

Throughout the Technical Specifications and on the drawings of this contract, where certain manufacturers' trade names and model numbers are specified and followed by the term "or equal," the manufacturer's name and data as specified shall represent the minimum standard type, quality, and capacity acceptable for incorporation into the work covered by this contract. The products of other manufacturers will be considered as being acceptable, provided that such products fully meet or exceed all minimum structural or use and operational features of the particular manufacturers' items as specified, and provided that the other manufacturers' items is easily interchangeable and can be adequately incorporated within the allocated space in the building or structure. In all cases, the acceptability of "or equal" items shall be at the Contracting Officer's discretion, based upon approval data submitted by the Contractor in accordance with the requirements under Shop Drawings herein.

(d) Omissions from the drawings or specifications, or the omission or misdescription of details of work which are manifestly necessary to carry out the intent of the drawings and specifications, or which are customarily performed, shall not relieve the Contractor from performing such omitted or misdescribed details of the work but they shall be performed as if fully and correctly set forth and described in the drawings and specifications.

(e) The Contractor shall check all drawings furnished him immediately upon their receipt and shall promptly notify the Contracting Officer of any discrepancies. Figures marked on drawings shall in general be followed in preference to scale measurements. Large scale drawings shall in general govern small scale drawings. The Contractor shall compare all drawings and verify the figures before laying out the work and will be responsible for any errors which might have been avoided thereby.

E. Section J – List of Attachments; Add the following;

J-B-37 RECYCLING AND SALVAGING MATERIALS

The Contractor shall divert all of the following Construction and Demolition (C&D) waste items from the list below from disposal at landfills and incinerators to facilitate their recycling or reuse. The Contractor shall require all subcontractors, vendors, and suppliers to participate in this effort.

GOVERNMENT PROPERTY

All items or materials designated below to be salvaged shall remain the property of the Government and will be cleaned of non-salvageable debris, segregated, itemized, delivered, and off-loaded by the Contractor at the disposal area. The Contractor shall maintain adequate property control records for all materials or equipment specified by the contract to be salvaged. These records may be in accordance with the Contractor's system of property control if approved by the CO. The Contractor shall be responsible for adequate storage and protection of salvaged materials and equipment pending delivery to the disposal area. All materials and real property items identified below shall remain property of the Government unless excluded by the contracting documents. The contractor shall utilize on-site recycling and salvaging procedures for the following:

☒ **ELECTRICAL, MECHANICAL, AND OTHER EQUIPMENT**

These items require inspection by RRMF/Environmental Management Branch recycling personnel to provide proper disposition of material. Electrical equipment (transformers / switchgear / panels / disconnects.....) disposition will be made on a case by case basis based on level of contamination and value. All water and sewer pumps and motors in good working condition will be reused by the government.

CONTRACTOR PROPERTY

All materials and real property items identified below shall become property of the contractor at the NTP. The Contractor may, at his discretion, assume ownership of and recycle all other Construction and Demolition Debris that has not been identified for salvage in the Contract Documents, or has otherwise been designated as Government property. All recyclable material obtained by the Contractor for recycling shall be removed from the Kennedy Space Center and recycled; it shall not be stockpiled at the Kennedy Space Center. The Contractor shall assume ownership of these recyclable materials once they are transported off of the Kennedy Space Center.

☒ **METALS: ALUMINUM, BRASS, COPPER, REBAR, STAINLESS STEEL, STEEL, OTHER FERROUS, OTHER NON-FERROUS, SCRAP METAL**

All metals coated with non-liquid PCB paints with levels below 50 parts per million shall be recycled by the contractor. Any metals coated with non-liquid PCB paints with levels above 50 ppm shall utilize the Schwartz Road Landfill after Government approval.

REPORTING REQUIREMENT

The Contractor shall record C&D waste materials on the "Construction & Demolition Projects Report", KSC Form 7-648 NS (02/07) and submit the form on a monthly basis and keep log on site per direction of the Contracting Officer (CO).

F. Section L-Instructions, Conditions, and Notices to Offerors or Respondents: The following questions received in response to subject solicitation and answers thereto are hereby provided:

Below are contractor questions and government responses to questions received. Certain questions and corresponding answers have resulted in changes to the contract drawings and are noted in the government response. The following is a list of which drawings have been revised and hereby replace previous versions (See also revised section C.2 per amendment #2):
Drawing 79K38877 VOL 1 REV A is hereby replaced by Drawing 79K38877 VOL 1 REV B
Drawing 79K38877 VOL 2 REV A is hereby replaced by Drawing 79K38877 VOL 2 REV B
Drawing 79K38877 VOL 3 REV A is hereby replaced by Drawing 79K38877 VOL 3 REV B
Drawing 79K38877 VOL 4 REV A is hereby replaced by Drawing 79K38877 VOL 4 REV B
Drawing 79K38877 VOL 5 REV A is hereby replaced by Drawing 79K38877 VOL 5 REV B
Drawing 79K38879 REV A is hereby replaced by Drawing 79K38879 REV B

1. REFERENCE: 79K38877 VOL 1; Drawing C114

QUESTION: The caps on the existing water main at the intersection of Kennedy Parkway & NW 28th Street appear to be very close to the existing sewer force main and guard rail. Will this cause a utility conflict?

ANSWER: Yes; see Revision B drawings. The two caps have been relocated slightly east of existing sewer force main and guardrail. Per Flag Note B, the Contractor is to locate the caps beyond the existing isolation valve.

2. REFERENCE: 79K38877 VOL 1; Drawing C92, Zone D4

QUESTION: Is the 18-inch cap callout accurate since the existing line may be intermittently pressurized during construction?

ANSWER: No; see Revision B drawings. This callout has been corrected to reference Detail 4 on Drawing C161.

3. REFERENCE: 79K38877 VOL 1; Drawing C93, Zone F8

QUESTION: Is the 18-inch cap callout accurate since the existing line may be intermittently pressurized during construction?

ANSWER: No; see Revision B drawings. This callout has been corrected to reference Detail 4 on Drawing C161.

4. REFERENCE: 79K38877 VOL 2; Drawing M27; Detail 5

QUESTION: Detail depicts the year "2011" on the manhole cover, is this the correct year?

ANSWER: No; the numbered lettering should correspond to the year of casting per the note. Revision B drawings now depict the year "2012".

5. REFERENCE: 79K38877 VOL 2; Drawing V6

QUESTION: LS-4Q does not appear to be on the Key Map; where is this lift station located?

ANSWER: Correct; see Revision B drawings. LS-4Q location has been added to Zone E7 of the Key Map.

6. REFERENCE: 79K38877 VOL 2; Drawings V5, V6

QUESTION: Which electrical drawings are associated with LS-1AA and LS-4A?

ANSWER: See Revision B drawings. References to Drawings E34 and E35 for LS-1AA and LS-4A, respectively, have been added to the Key Maps.

7. REFERENCE: 79K38877 VOL 2; Drawing E3

QUESTION: "KCCS Connection Upgrade Only Lift Station Data Table" is missing drawing number references, will these be provided?

ANSWER: Yes; see Revision B drawings. The table has been updated with drawing numbers.

8. REFERENCE: 79K38877 VOL 2, Drawing M1

QUESTION: In the "Lift Station Data Table", should the double break line separating "Replaced Lift Stations" and "Rehabilitated Lift Stations" extend across the table?

ANSWER: Yes; see Revision B drawings. A separation identifier has been extended across the table.

9. REFERENCE: 79K38877 VOL 2, Drawing M1

QUESTION: Are the drawing sheets listed in the "Lift Station Data Table" accurate?

ANSWER: No; see Revision B drawings. The drawing sheet references have been updated.

10. REFERENCE: 79K38877 VOL 2, Drawing V5

QUESTION: Is the page reference for LS-1L on the Key Map (South) accurate?

ANSWER: No; see Revision B drawings. The page reference for LS-1L has been corrected to read E36.

11. REFERENCE: 79K38877, VOL 2, Drawing E3

QUESTION: Should the "KCCS Connection Upgrade Only Lift Station Data Table" also include LS-4N1?

ANSWER: Yes; see Revision B drawings. The LS-4N1 information has been added to the KCCS Connection Upgrade Only Lift Station Data Table.

12. REFERENCE: 79K38877 VOL 3, Drawing C27

QUESTION: For existing manholes to be replaced, if top elevation of existing manhole is above existing grade, should top elevation of new manholes match grade?

ANSWER: No; see Revision B drawings. Existing manholes to be replaced shall maintain the same elevations as the existing manholes. I.e., if the top of the existing manhole is two feet above grade, the replacement manhole shall be two feet above grade.

13. REFERENCE: 79K38877 VOL 4; Drawings D2, C11, C33

QUESTION: Note D on Drawing D2 refers to a 16-inch water main to remain which is called out as a 12-inch water main on Drawings C11 and C33. Is Note D on Drawing D2 correct?

ANSWER: No; see Revision B drawings. Note D on Drawing D2 has been corrected to read “EXISTING 12” DI WM INSTALLED UNDER 79K38700 TO REMAIN”; Drawings C11 and C33 are correct.

14. REFERENCE: 79K38877 VOL 3; Drawing C37, Detail 4; Drawing C35, Detail 6; Drawing C2, Zone F7

QUESTION: Is Detail 4 on Drawing C37 part of Option 1? The detail references Drawing C2 which is not part of Option 1.

ANSWER: No; see Revision B drawings. Detail 4 on Drawing C37 has been relocated to Detail 6 on Drawing C35 and the detail callout on Drawing C2, Zone F7 has been updated.

15. REFERENCE: 79K38877 VOL 4; Drawing C7, Zone F5

QUESTION: Should the detail reference for the 10-inch cap be Detail 4 on Drawing C41 since the line being capped will remain active?

ANSWER: Yes; see Revision B drawings. The detail reference for the 10-inch cap has been changed to Detail 4 on Drawing C41.

16. REFERENCE: 79K38877 VOL 5; Drawing V2, Specification Section 33 11 00

QUESTION: Are there any submittal requirements for the pipe hangers referenced under General Note 16 on Drawing V2?

ANSWER: Yes; see Specification Section 33 11 00, Part 1.3.

17. REFERENCE: 79K38877 VOL 5; Drawing V3, Drawing C2

QUESTION: On Drawing C2, does the darker shading around the building indicate “Full Depth Pavement Construction?”

ANSWER: Yes; see Revision B drawings. This symbol has been added to the Legend on Drawing V3.

18. REFERENCE: 79K38877 VOL 5; Drawing C2, Zone C7

QUESTION: Is the leader for Flag Note B pointing to the correct location?

ANSWER: No; see Revision B drawings. The leader has been corrected to point to the correct location.

19. REFERENCE: 79K38877 VOL 5; Drawing C5, Detail 4

QUESTION: Is the pavement that is referred to as “existing pavement” actually milled and resurfaced pavement?

ANSWER: Yes; see Revision B drawings. The callout has been corrected to reference “milled and resurfaced pavement” that is to match the existing surface elevations.

20. REFERENCE: 79K38877 VOL 5; Drawing C6

QUESTION: Post footing tops are shown as flat in elevation view, which could cause water to accumulate and rust the post out. Should the footing tops be rounded?

ANSWER: Yes; see Revision B drawings. A post footing detail reference has been added.

21. REFERENCE: 79K38877 VOL 5; Drawing C9

QUESTION: Should the reaction block sizing be based on 150 psi instead of 100 psi so it correlates with the Restrained Joints?

ANSWER: Yes; see Revision B drawings. The reaction block data table and notes have been revised to indicate the pressure of 150 psi.

22. REFERENCE: 79K38877 VOL 5; Drawing M2, Zone B7-C7

QUESTION: Is the "FSL 10-1" callout pointing to the correct location?

ANSWER: No; see Revision B drawings. The "FSL 10-1" callout has been revised to point to the correct location.

23. REFERENCE: 79K38877 VOL 5; Drawing M2, Zone B2

QUESTION: Does the Flag Note AA callout apply to this flanged coupling adapter?

ANSWER: Yes; see Revision B drawings. The Flag Note AA callout has been added to this FCA.

24. REFERENCE: 79K38877 VOL 5; Drawing M2

QUESTION: In Flag Note RR, should this be a "Combination Air Valve?" instead of an "Air/Vacuum Valve?"

ANSWER: Yes; see Revision B drawings. Flag Note RR has been revised to reference a "Combination Air Valve" instead of an "Air/Vacuum Valve."

25. REFERENCE: 79K38877 VOL 5; Drawing FP1

QUESTION: Is the information in the "Water Flow Data Table" correct?

ANSWER: Yes; the original handwritten information has now been typed; see Revision B drawings.

26. REFERENCE: 79K38877 VOL 5; Drawing FP2

QUESTION: Is a drain to the outside of the building required for the freeze protection valve?

ANSWER: Yes; see Revision B drawings. The drawing has been revised to include a drain to the outside of the building for the freeze protection valve.

27. REFERENCE: 79K38877 VOL 5; Drawing FP2

QUESTION: The Section A-A does not match the Section A callout on the Plan. Is Section A-A correct?

ANSWER: No; see Revision B drawings. The Plan has been revised and the Section A callout and the OS&Y valve have been moved to the right of fire department connection pipe (in between the fire department connection pipe and the outside wall)

28. REFERENCE: 79K38879 KARS Park; Drawing C25

QUESTION: For those lift stations not being monitored by the KCCS system, are emergency contact signs needed for lift stations as required by FDEP?

ANSWER: Yes; see Revision B drawings. Drawing C25 has been revised to indicate emergency contact sign requirements and locations.

29. REFERENCE: 79K38877 VOL 1; Drawing C163 and 79K38877 VOL 2; Drawing M30 and 79K38877 VOL 3; Drawing C34 and 79K38877 VOL 4; Drawing C43 and 79K38877 VOL 5; Drawing C8 and 79K38879 KARS Park; Drawing C24

QUESTION: Do utilities not explicitly listed in the "Typical Utility Conflict Detail" (i.e., pressurized nitrogen gas, etc.) have utility separation requirements?

ANSWER: Yes; see Revision B drawings. Drawings have been revised to include utility separation requirements for generic utilities.

30. REFERENCE: 79K38877 VOL 2 and 79K38879 KARS Park

QUESTION: Are all lift station pumps required to be provided by the same manufacturer?

ANSWER: Yes; for all volumes and design packages, the Contractor is to use product of one manufacturer and of the same series or family of models to achieve standardization for appearance, operation, maintenance, spare parts, and manufacturer's services, unless instructed otherwise by the Contracting Officer.

31. REFERENCE: 79K38877 VOL 1; Detail 6, Drawing C158 and 79K38877 VOL 2; Detail 3, Drawing M26 and 79K38877 VOL 3; Detail 3, Drawing C35 and 79K38877 VOL 4; Detail 6, Drawing C38 and 79K38879 KARS Park; Detail 6, Drawing C20

QUESTION: Are the high early strength and dowel spacing requirements correct for the Concrete Restoration Detail?

ANSWER: No; see Revision B drawings. The high early strength concrete requirement has been revised to 4,000 psi and the drill and doweling of existing concrete is required to be 1-foot on center.

32. REFERENCE: 79K38877 VOL 1; Detail 1, Drawing C158; Detail 1, Drawing C159 and 79K38877 VOL 2; Detail 3, Drawing M28 and 79K38877 VOL 3; Detail 5 Drawing C36 and 79K38877 VOL 4; Detail 1, Drawing C38; Detail 1, Drawing C39 and 79K38877 VOL 5; Detail 5, Drawing C7 and 79K38879 KARS Park; Detail 1 and Detail 9, Drawing C20

QUESTION: Do the stem extensions have any specific material requirements?

ANSWER: Yes; see Revision B drawings. Detail 1 on Drawing C158 and Detail 1 on Drawing C159 have been revised to note the stem extension is Type 316 stainless steel.

33. REFERENCE: 79K38877 VOL 1 and 79K38877 VOL 4

QUESTION: With regards to water mains to be replaced, can these pipes be burst in place similar the replacement method of force mains in Volume 3?

ANSWER: No; asbestos cement water mains shall not be pipe burst.

34. REFERENCE: 79K38877 VOL 1; Drawing C50

QUESTION: Should the portion of water main crossing 9th Street (Zone G7) be sleeved due to the heavy loads from the PHSF?

ANSWER: Yes; see Revision B drawings. The restoration hatch has been revised to indicate the pipe is to be sleeved and a callout to Detail 4 on Drawing C159 has been added.

35. REFERENCE: 79K38877 VOL 4; Drawing C23

QUESTION: In Zone F8, the cap on the existing service line is not called out. Is this a 2" cap?

ANSWER: Yes; see Revision B drawings. The cap detail callout has been added to the drawing.

36. REFERENCE: 79K38877 VOL 1; Drawing C23

QUESTION: C23 shows 8 inch branch connection and detail shows 8 inch. Can you clarify?

ANSWER: See Revision B drawings; all the size callouts in Detail 50 on Drawing C133 now depict 8-inch.

37. REFERENCE: 79K38877 VOL 1; Drawing C21

QUESTION: C21 shows 8 inch pipe continuing and detail shows 6x8 inch reducer. Can you clarify?

ANSWER: See Revision B drawings; all the size callouts in Detail 41 on Drawing C131 have been changed to 8-inch.

38. REFERENCE: 79K38877 VOL 1; Drawing C16

QUESTION: C16 plan sheet shows 4 – 6 inch 22 degree bends on 10 inch line. Can you clarify?

ANSWER: See Revision B drawings; the bends callout has been changed to 10-inch.

39. REFERENCE: 79K38877 VOL 1; Drawing C14

QUESTION: C14 is calling for 12 inch on 10 inch line. Can you clarify?

ANSWER: See Revision B drawings; the 12-inch callouts in Zones F3 and F6 have been changed to 10-inch callouts.

40. REFERENCE: 79K38877 VOL 1

QUESTION: Plans call for 4 inch DIP, but restraint chart only shows for PVC. Can you clarify?

ANSWER: See Revision B drawings. Detail 2 on Drawing C162 has been updated.

41. REFERENCE: 79K38877 VOL 1

QUESTION: Flag note on plans #15 asks for vitron gaskets. Does this apply to all DIP fittings as well as pipe connections? Can you clarify?

ANSWER: Yes, within the limits identified in Flag Note 15 on Drawing C1.

42. REFERENCE: 79K38877 VOL 1; Drawing C160

QUESTION: Plan sheet C160, Jack and Bore Detail does not show 12 inch. Can you clarify?

ANSWER: See Revision B drawings. Detail 2 on Drawing C160 has been updated.

43. REFERENCE: 79K38877 VOL 1; Drawing C147

QUESTION: 8 inch line called for on 12 inch detail. Can you clarify?

ANSWER: See Revision B drawings. In Detail 133 on Drawing C147, the 8-inch line stop and gate valve have been changed to a 12-inch line stop and gate valve. Flag note A has also been removed from Drawing C147. In Detail 134 on Drawing C147, the 6-inch gate valve has been changed to a 10-inch gate valve.

44. REFERENCE: 79K38877 VOL 1; Detail 133, Drawing C146

QUESTION: Detail 133 needs correction to 12 inch. Can you clarify?

ANSWER: See response to Question 43.

45. REFERENCE: 79K38878, Specification Section 33 32 13.13, Part 2.25.1.6.b

QUESTION: Within Volume 2 of the Lift Station Plans a Generator Receptacle is listed on page E2 and E4 but is never specified. Please specify a manufacturer and type for this item.

ANSWER: The contract specifications currently do not call for the generator receptacle to be sole sourced by a single manufacturer.

46. REFERENCE: 79K38878, Specification Section 33 32 13.13, Part 2.25.1.3

QUESTION: Within Volume 2 of the Lift Station Plans a solar shield is not shown on page E37.

ANSWER: See Revision B drawings, the Contractor is to provide solar shields as indicated on Drawings I6, I7, and I8.

47. REFERENCE: 79K38877 VOL 2; Drawing E3

QUESTION: Within Volume 2 of the Lift Station Plans on page M1, LS-1B is listed as a Model No. HPGHX300. This pump is not available in 120V service.

ANSWER: See Revision B drawings. The Voltage requirement for LS-1B has been revised to 208.

48. REFERENCE: 79K38877 VOL 3; Drawing C3

QUESTION: The plans are calling for a jack and bore under the railroad. Would it be acceptable to utilize HDD under the railroad instead of jack and bore?

ANSWER: No. The plans call for a jack and bore under the railroad.

49. REFERENCE: 79K38877 VOL 1; Drawing EN1, Note 1

QUESTION: Are we to assume all excavated material and water from dewatering operations in the areas shown as contaminated to be hauled off and treated?

ANSWER: No, do not assume all materials are to be contained. General Notes 1 and 2 on Drawing EN1 provide clear direction on how to handle these materials.

50. REFERENCE: 79K38877 VOL 1; Drawing EN1, Note 1

QUESTION: Will contaminated materials be the responsibility of the contractor for disposal or will KSC supply a disposal area?

ANSWER: The Contractor is responsible for coordinating the disposal of the contaminated material with the government. The contractor is responsible for handling and packaging the contaminated materials in government provided rollofs and/or drums prior to disposal by the government.

51. REFERENCE: 79K38877 VOL 1; Drawing EN1, Note 1

QUESTION: If KSC supplies disposal area will there be a charge?

ANSWER: No.

52. REFERENCE: 79K38877 VOL 1; Drawing EN1, Note 1

QUESTION: Is the handling of the contaminated material contractors responsibility or will KSC supply dumpsters onsite?

ANSWER: The Contractor is responsible for coordinating the handling of the contaminated material with NASA.

53. REFERENCE: 79K38877 VOL 1; Drawing EN1, Note 2

QUESTION: Is monitoring of the contaminated water during dewatering operations the contractors responsibility?

ANSWER: No, the government will determine and perform monitoring if required based upon the contractor submitted dewatering plan.

54. REFERENCE: ____

QUESTION: Section L.9.b. Past Performance indicates the Past Performance Questionnaires are to be returned prior to 3/12/12. The assembly of bid amounts determines whether subcontractors are considered "major" by definition in the solicitation and thereby requiring questionnaires for each of those "major" subcontractors be submitted. Determination of these elements is not possible ten days in advance of the actual bid due date. Please advise whether all questionnaires, for prime and "major" subcontractors, can be submitted up to the time of bid closing.

ANSWER: The past performance questionnaires shall be submitted no later than the proposal due date.

55. REFERENCE: ____

QUESTION: Are there any liquidated damages?

ANSWER: Liquidated damages are not specified for this contract.

56. REFERENCE: ____

QUESTION: J-B-17 indicates the requirement for one full-time superintendent who may not fill any other positions in the performance of the contract. This article also requires that either the superintendent or an alternate superintendent be present at each site. On this project, there may be a half dozen or more sites being worked at the same time, some of which may have only a few workers installing runs of pipe. Is it imperative each of these small tasks has a (n)(alternate) superintendent? Will the alternate superintendents be required to be non-working?

ANSWER: The contractor shall provide one project superintendent and one project Site Safety and Health Officer (SSHO). The project superintendent and the SSHO shall NOT be the same person. If the contractor's means and methods includes multiple work locations at any given time, the project superintendent shall designate a representative to have control and supervision for each work location and a means of direct communication with the project superintendent and SSHO. A quality control manager is not specified by the contract documents. The Project superintendent and the Project Safety and Health Officer may NOT be the same person.

57. REFERENCE: 79K38878; Specification Section 01 35 26, Part 1.5.1.1

QUESTION: Specification Sections 01 35 26, paragraph 1.5.1.1 requires a Site Safety and Health Officer (SSHO) "at each project site" and "at the work site at all times". Further, paragraph 1.5.2.1 seems to indicate that the Superintendent, Quality Control Manager and SSHO are/may be the same person. Since there are multiple areas throughout the project, please specify the exact requirements which will allow us to determine the extent of supervisory personnel required for the project and include the corresponding monies in our proposal. Can the Superintendent also be the SSHO provided he/she has the proper credentials? Can the Superintendent/SSHO supervise all the areas of the contract? (It would seem logistically unfeasible to have multiple superintendents reporting to the inspector, COTR, etc.) Is there any requirement for a separate "Quality Control Manager" position, or can this also be the Superintendent/SSHO?

ANSWER: See response to Question 56.

58. REFERENCE: ____

QUESTION: Are there any phasing requirements required for construction or will phasing be at the discretion of the contractor with respect to the owner's requirements for continuing services, traffic flow, outages, etc.?

ANSWER: Phasing of work is at the contractor's discretion such that contractual requirements are met. Phasing and scheduling will be coordinated with the government during construction.

59. REFERENCE: 79K38878; Specification Section 32 92 23

QUESTION: J-B-10 Restoration of Grassed Areas Disturbed by Construction provides for restoration by seeding and mulching except when erosion may occur, in which case sod is to be used. Specification

Section 32 92 23 is a sod specification with no reference to seeding and mulching. Please clarify the requirements for restoration of grassed areas in light of this conflict.

ANSWER: Sod is required per Specification Section 32 92 23.

60. REFERENCE: ____

QUESTION: J-B-21 indicates that hand excavation is required within five (5) feet of existing utilities. Another NASA reference document, KNPR 8715-7, requires hand excavation within two (2) feet of existing utilities. There are many areas shown on the drawings where pipelines are being installed between parallel existing utilities which appear to be less than ten (10) feet apart or may be determined at a later time to be less than ten (10) feet apart, which would necessitate hand dig installation of excessive amounts of piping, perhaps hundreds or even thousands of lineal feet at great additional cost to the government. Please clarify the requirements of hand digging in light of this conflict.

ANSWER: The Contractor is to comply with the hand excavation requirement under J-B-21.

61. REFERENCE: ____

QUESTION: J-A-3(f) requires sewer systems components' inverts and locations to be surveyed, signed and sealed by a FL Registered Land Surveyor. Does this also include those components which are not new, but are being "repaired" or re-lined such as wet-wells, manholes and sliplined piping?

ANSWER: Yes, this applies to the entire scope of the project.

62. REFERENCE: ____

QUESTION: Has a Geotechnical Survey been completed, are there boring logs available?

ANSWER: No.

63. REFERENCE: ____

QUESTION: Will it be a requirement of any resulting contract for the Contractor to submit a detailed Site Specific Safety Health Plan inclusive of all Asbestos Abatement Plans, Toxic Metals Abatement Plans, PCB Abatement Plans, Respiratory Protection Program, Confined Space Access Program, Traffic Control Plans, Lifting and Rigging Plans, Site Specific Fall Protection Plans, Lockout / Tagout Program, and all applicable Job Hazard Analysis and/or Activity Hazard Analysis documents?

ANSWER: Yes, the successful offerer shall be required to submit a "Site Specific Safety and Health Plan" with the associated plans as applicable to contract requirements (inclusive of any awarded options).

64. REFERENCE: ____

QUESTION: Please identify what revision number of the KNPR 8715.3 KSC Safety Practices Procedural Requirements will be applicable for this contract.

ANSWER: Revision I-1, effective June 1, 2010. Document is available at website referenced in H.3.

65. REFERENCE: ____

QUESTION: Does clause NFS 1852.243-72 Equitable Adjustments apply to Owner directed changes for this contract?

ANSWER: The NFS Clause referenced is not included in the solicitation and does not apply.

66. REFERENCE: 79K38878; Specification Section 01 35 26, Part 1.5.1.1

QUESTION: Specification 01 35 26 paragraph 1.5.1.1 states that the Contractor shall provide a Site Safety and Health Officer (SSHO) at all times. Based on J-B-17, the Superintendent must be 100 percent committed to superintending the work and cannot fill any other positions in the performance of this contract. Please confirm that a SSHO is required in addition to the Superintendent.

ANSWER: See response to Question 56.

67. REFERENCE: ____

QUESTION: Will the Contractor be responsible for the bacteriological testing of all new installations, repairs, and/or modifications to the potable water mains?

ANSWER: No, bacteriological testing shall be provided by the government. The contractor shall coordinate the scheduling of tests with the government and take corrective actions if results do not meet required standards.

68. REFERENCE: ____

QUESTION: Does the interior side of the cmu walls of the new pump station receive paint?

ANSWER: Yes. Coating shall comply with Specification Section 09 90 00.00 98.

69. REFERENCE: ____

QUESTION: Is the existing asbestos piping to be disposed of on-site or off-site?

ANSWER: On-site. Reference section J-B-35 "ASBESTOS-CONTAINING BUILDING MATERIAL" of the solicitation for requirements on asbestos cement pipe removal and disposal.

70. REFERENCE: ____

QUESTION: Verify that louvers depicted by the architectural drawings for the pump station do not require motorized fans.

ANSWER: No, the louvers do not require motorized fans.

71. REFERENCE: ____

QUESTION: Are there any requirements for seismic monitoring during demolition activities?

ANSWER: The Contractor is responsible for documenting pre-existing and post-demolition conditions of facilities, infrastructure, structures, and monuments in the vicinity of the work zone to demonstrate that the demolition work has no negative impacts. Seismic monitoring is not required.

72. REFERENCE: ____

QUESTION: Please specify whether demolished steel and concrete foundations shall be salvaged and turned over to the owner at "DARCY" OR shall become property of the contractor for disposal?

ANSWER: See amendment #2; solicitation section J-B-37 – Recycling and Salvaging Materials under "Contractor Property". The contractor shall assume ownership of all metals and concrete.

All equipment in good working condition shall be turned over to the government for future reuse or salvage.

73. REFERENCE: 79K38878; Specification Section 26 05 00.00 40, Part 1.4

QUESTION: Please provide Reliability Center Building and Equipment Acceptance (RCBEA).

ANSWER: Reference Part 3.10 "FIELD TESTING" of the specification section referenced (26 05 00.00 40) for required acceptance testing.

74. REFERENCE: 79K38877 VOL 1; Detail LC39-A, Detail LC39-B, and Detail SLF, Drawing E2

QUESTION: Should conduit run from equipment racks to FN B? What size conduit and what type of wire?

ANSWER: Yes; see Revision B drawings. Flag Notes C and L have been added to each detail on Drawing E2.

75. REFERENCE: 79K38877 VOL 1; Detail 4, Note B, Drawing I5

QUESTION: Please provide bidding height for bidding? Is there an antenna tower that all of these power report to? Please provide the locations? Will Radio Path Study have to include these towers?

ANSWER: For bidding purposes, assume an antenna tower height of 20 feet. See Volume 2, Drawing I-9 for antenna tower locations and specifically NOTES for LS-10A in area B5 of this drawing sheet. Yes, these antenna towers will be included in the Radio Path Study.

76. REFERENCE: 79K38877 VOL 1; Drawing V3, General Note 40

QUESTION: General Note 40 states "Additional utility conflicts may not be indicated on the drawings. Contractor is responsible for maintaining separation requirements at no additional cost to the Government, see Detail 1/C163." If a utility conflict arises during construction the work can be performed in accordance to the detail, but it cannot be done at no additional cost. The contractor can only price and include in our bid those conflicts that are indicated on the drawings such as the one indicated on Sheet C4. It is unreasonable to require that contractors include costs in their bid that cannot be quantified. In addition, this note is in clear conflict with Section I – Contract Clauses of this solicitation, FAR 52.236-2, Differing Site Conditions. Please remove "at no additional cost to the Government" from this note. This question also applies to 79K38877, Volume 4, Sheet V3, General Note 40.

ANSWER: The contractor shall maintain separation requirements per detail 1 on C163 for all utility crossings. The general note refers to the contractor's ability to deflect pipe to maintain separation at no cost to the government. If additional changes or required relocation of utilities are necessary, the contractor shall coordinate with the contracting officer for resolution.

77. REFERENCE: 79K38877 VOL 1; Drawing V3, General Note 10

QUESTION: General Note 10 states "The contractor shall coordinate the relocation of conflicting underground utilities as needed with the CO. Contractor shall coordinate construction schedule with Contracting Officer concerning relocation of utilities and any additional relocations resulting from conflicts not delineated on the drawings." Please confirm that the intent of this note is that any additional relocations resulting from conflicts not delineated on the drawings will be treated in accordance with FAR 52.236-2, Differing Site Conditions. This question also applies to 79K38877, Volumes 2, 3, 4 and 5, Sheet V3, General Note 10.

ANSWER: See response to question 76.

78. REFERENCE: 79K38877 VOL 1; Drawings C107 & C109, Flag Note A

QUESTION: The referenced flag notes indicate 2500' of temporary piping to be ran along Convertor Compressor Road. Is this temporary piping intended to be ran above ground?

ANSWER: Yes.

79. REFERENCE: 79K39058, Drawing V2, Demolition Note 17 and NASA Clause, J-B-21

QUESTION: Demolition Note 17 states "The contractor shall hand excavate all existing underground utilities." NASA Clause, J-B-21 states "Excavation in areas within five (5) of all existing utilities shall be by hand." Shouldn't Demolition Note 17 be revised to read "The contractor shall hand excavate within five (5) feet of all existing underground utilities."?

ANSWER: See response to Question 60.

80. REFERENCE: 79K38879 KARS Park; Drawing V2, General Note 43

QUESTION: General Note 43 states "If existing soil is contaminated as indicated on the SWMU and PRL contaminants tables on EN2, contractor to replace soil with clean fill." Shouldn't the note read "EN1" in lieu of "EN2"?

ANSWER: Yes; see Revision B drawings.

81. REFERENCE: 79K38879 KARS Park; Drawing V2, General Note 43; Drawing EN1, General Note 1; and NASA Clause, J-B-31

QUESTION: General Note 43 on V2 states "If existing soil is contaminated as indicated on the SWMU and PRL contaminants tables on EN2, contractor to replace soil with clean fill." General Note 1 on EN1 states "Soil excavated from the land surface to any depth shall be returned to the area of excavation from which it was removed." which is in complete agreement with the NASA Clauses and all other drawings. All the other documents state that contaminated soil should be returned to the area of excavation from where it came and if there is any excess it is to be handled per NASA Clause, J-B-31. Shouldn't General Note 43 on V2 be deleted in its entirety? A similar question also applies to 79K38877, Volume 1, Sheet EN1, General Note 1; 79K38877, Volume 2, Sheet V3, General Note 41 and Sheet EN1, General Note 1; 79K38877, Volume 3, Sheet V3, General Note 38 and Sheet EN1, General Note 1; and 79K38877, Volume 4, Sheet EN1, General Note 1.

ANSWER: General Note 1 on Drawing EN1 applies only to metal pipes with appropriate gasket materials. All plastic pipes require clean fill to replace existing soil.

82. REFERENCE: 79K38877 VOL 1; Drawing C23, Detail 50/C23/C133

QUESTION: Sheet C23 indicates an 8" DI WM. Detail 50/C23/C133 indicates a 6" DI WM. Please confirm which is correct.

ANSWER: See response to Question 36.

83. REFERENCE: 79K38877 VOL 1; Drawing C21, Detail 41/C21/C131

QUESTION: Sheet C21 indicates a 8" DI WM. Detail 41/C21/C131 shows a 8" DI WM reduced to a 6" D WM. Please confirm which is correct.

ANSWER: See response to Question 37.

84. REFERENCE: 79K38877 VOL 1; Drawing C16

QUESTION: In the middle of the sheet there are (4) 6" RMJ 22.5" bends indicated on a 10" DI WM. Shouldn't these be (4) 10" RMJ 22.5" bends?

ANSWER: See response to Question 38.

85. REFERENCE: 79K38877 VOL 1; Drawing C14

QUESTION: The sheet indicates a 12" DI WM and a 12" RMJ 90 deg bend on WM running east and west. Shouldn't this read 10" DI WM and a 10" RMJ 90 deg bend?

ANSWER: See response to Question 39.

86. REFERENCE: 79K38877 VOL 1; Drawing C162, Restrained Joint Schedule Chart; Drawing C23; Drawing C126, Detail 12/C23/C126

QUESTION: The Restrained Joint Schedule Chart seems to indicate that all 4" lines are to be PVC. On Sheet C23, in the lower left hand corner, there is a line that shows 4" DI WM running north and south. Detail 12/C23/C126 shows the 4" WM to be PVC. Are all 4" WM's to be PVC?

ANSWER: See response to Question 40.

87. REFERENCE: 79K38877 VOL 1; Drawing C1, Flag Note 15

QUESTION: In work pertaining to Flag Note 15, do all mechanical joint fittings need to have chemical compatible (Viton) gaskets? Do the "appropriate fittings" in the last sentence of Flag Note 15 need to have chemical compatible (Viton) gaskets?

ANSWER: See response to Question 41.

88. REFERENCE: 79K38877 VOL 1; Drawing C160, Detail 2/C160 Jack and Bore Detail

QUESTION: Detail 2/C160 does not include 12" Carrier Pipe which is required in the project.

ANSWER: See response to Question 42.

89. REFERENCE: 79K38877 VOL 1; Detail 133/C75/C147

QUESTION: Detail shows 12" DI WM. Shouldn't the RMJ GV and Temporary Line Stop be 12" in lieu of 8" as shown?

ANSWER: See response to Question 43.

90. REFERENCE: 79K38877 VOL 1; Drawing C111, Detail 131/C11/C146

QUESTION: Detail shows 8" DI WM. Shouldn't this detail read 12" DI WM as shown on C111?

ANSWER: See Revision B drawings. Detail C131 has been revised.

91. REFERENCE: 79K38877 VOL 2; Drawing M3, Lift Station 4A1, Site Plan

QUESTION: The Site Plan shows tapping an existing water main for a new hose bibb assembly. Please advise the size of the existing water main for proper pricing?

ANSWER: See Revision B drawings. Based on the best available information, the existing water main is 4".

92. REFERENCE: 79K38877 VOL 2; Drawing M4, Lift Station 4-B2, Site Plan

QUESTION: The Site Plan shows tapping an existing water main for a new hose bibb assembly. Please advise the size of the existing water main for proper pricing?

ANSWER: See Revision B drawings. The water main is 8". See Volume 1, Drawing C79.

93. REFERENCE: 79K38877 VOL 2; Drawing M5, Lift Station 4D, Site Plan

QUESTION: The Site Plan shows tapping an existing water main for a new hose bibb assembly. Please advise the size of the existing water main for proper pricing?

ANSWER: See Revision B drawings. Based on the best available information, the existing water line is 1".

94. REFERENCE: 79K38877 VOL 2; Drawing M6, Lift Station 4N4, Site Plan

QUESTION: The Site Plan shows tapping an existing water main for a new hose bibb assembly. Please advise the size of the existing water main for proper pricing?

ANSWER: See Revision B drawings. Based on the best available information, the existing water line is 1".

95. REFERENCE: 79K38877 VOL 2; Drawing M8, Lift Station 5C, Site Plan

QUESTION: The Site Plan shows tapping an existing water main for a new hose bibb assembly. Please advise the size of the existing water main for proper pricing?

ANSWER: See Revision B drawings. Based on the best available information, the existing water main is 6".

96. REFERENCE: 79K38877 VOL 2; Drawing M9, Lift Station 9B, Site Plan

QUESTION: The Site Plan shows tapping an existing water main for a new hose bibb assembly. Please advise the size of the existing water main for proper pricing?

ANSWER: See Revision B drawings. The water main is 3".

97. REFERENCE: 79K38877 VOL 2; Drawing M10, Lift Station 9D, Site Plan

QUESTION: The Site Plan shows tapping an existing water main for a new hose bibb assembly. Please advise the size of the existing water main for proper pricing?

ANSWER: See Revision B drawings. The water main is 8".

98. REFERENCE: 79K38877 VOL 2; Drawing M13, Lift Station 1N, Site Plan

QUESTION: The Site Plan shows tapping an existing water main for a new hose bibb assembly. Please advise the size of the existing water main for proper pricing?

ANSWER: See Revision B drawings. The water main is 12".

99. REFERENCE: 79K38877 VOL 2; Drawing M13, Lift Station 1P, Site Plan

QUESTION: The Site Plan shows tapping an existing water main for a new hose bibb assembly. Please advise the size of the existing water main for proper pricing?

ANSWER: See Revision B drawings. The water main is 12".

100. REFERENCE: 79K38877 VOL 2; Drawing M14, Lift Station 4C1, Site Plan

QUESTION: The Site Plan shows tapping an existing water main for a new hose bibb assembly. Please advise the size of the existing water main for proper pricing?

ANSWER: See Revision B drawings. Based on the best available information, the existing water line is 1".

101. REFERENCE: 79K38877 VOL 2; Drawing M14, Lift Station 1T, Site Plan

QUESTION: The Site Plan shows tapping an existing water main for a new hose bibb assembly. Please advise the size of the existing water main for proper pricing?

ANSWER: See Revision B drawings. The water main is 8".

102. REFERENCE: 79K38877 VOL 2; Drawing M16, Lift Station 4L, Site Plan

QUESTION: The Site Plan shows tapping an existing water main for a new hose bibb assembly. Please advise the size of the existing water main for proper pricing?

ANSWER: See Revision B drawings. Based on the best available information, the existing water line is 6".

103. REFERENCE: 79K38877 VOL 2; Drawing M17, Lift Station 4N6, Site Plan

QUESTION: The Site Plan shows tapping an existing water main for a new hose bibb assembly. Please advise the size of the existing water main for proper pricing?

ANSWER: See Revision B drawings. The water main is 3".

104. REFERENCE: 79K38877 VOL 2; Drawing M18, Lift Station 5D, Site Plan

QUESTION: The Site Plan shows tapping an existing water main for a new hose bibb assembly. Please advise the size of the existing water main for proper pricing?

ANSWER: See Revision B drawings. The water main is 3".

105. REFERENCE: 79K38877 VOL 2; Drawing M18, Lift Station 5E, Site Plan

QUESTION: The Site Plan shows tapping an existing water main for a new hose bibb assembly. Please advise the size of the existing water main for proper pricing?

ANSWER: See Revision B drawings. The water main is 3".

106. REFERENCE: 79K38877 VOL 2; Drawing M20, Lift Station 17C, Site Plan

QUESTION: The Site Plan shows tapping an existing water main for a new hose bibb assembly. Please advise the size of the existing water main for proper pricing?

ANSWER: See Revision B drawings. The water main is 2".

107. REFERENCE: 79K38877 VOL 2; Drawing M21, Lift Station 1I, Site Plan

QUESTION: The Site Plan shows tapping an existing water main for a new hose bibb assembly. Please advise the size of the existing water main for proper pricing?

ANSWER: See Revision B drawings. The water main is 14".

108. REFERENCE: 79K38877 VOL 2; Drawing M23, Section B-B

QUESTION: Section B-B shows a 3" check valve on the pipe going down to the pump, but it is labeled as a 3" plug valve. Which is correct?

ANSWER: Yes; see Revision B drawings and response to Question 109. The check valve should be labeled as a check valve.

109. REFERENCE: 79K38877 VOL 2; Drawing M20 Lift Station 17C Plan, Drawing M23 Section B-B, and Drawing M1 "Lift Station Data Table"

QUESTION: The Lift Station 17C Plan refers you to Section B-B on Sheet M23, and the M1 Lift Station Data Table. Section B-B indicates the discharge line is 3" and the M1 Lift Station Data Table indicates the discharge line is 2". Which is correct?

ANSWER: See Revision B drawings. The discharge line is 2".

110. REFERENCE: 79K38877 VOL 2; Drawing M21 "Lift Station 1I Plan", Drawing M21 "Section B-B", and Drawing M1 "Lift Station Data Table"

QUESTION: The Lift Station 1I Plan refers you to Section B-B on Sheet M21, and the M1 Lift Station Data Table. Section B-B indicates the discharge line is 4" and the M1 Lift Station Data Table indicates the discharge line is 3". Which is correct?

ANSWER: Section B-B indicates 3-inch discharge with 4-inch by 3-inch companion flange.

111. REFERENCE: 79K38877 VOL 2; Drawings M11 and M22 "Lift Station Sections", and Drawing M1 "Lift Station Data Table"

QUESTION: The Lift Station Sections on M11 and M22 do not show any piping sizes like the Sections on M21 and M23. The Sections on M21 and M21 do not match the M1 Lift Station Data Table. Please clarify if the piping inside the lift station and the discharge pipe are to match the discharge pipe sizes listed on the M1 Lift Station Data Table?

ANSWER: See Revision B drawings. Drawings M11 and M22 have been revised to state that the sizes of the discharge pipe and all appurtenances shall match the information in the "Lift Station Data Table" on Drawing M1. The Contractor is to provide couplings as required to connect the new lift station discharge piping to the existing force main.

112. REFERENCE: Specifications NNK12421032R, Section 01 35 26 – Governmental Safety Requirements

QUESTION: Paragraph 1.5.1.1 states that a minimum of one (1) Competent Person at each "project site" to function as the Site Safety and Health Officer (SSHO). Due to the unique nature of this project, the "project site" includes most of KSC and there will be numerous "sites" being worked at any one time. A strict interpretation of this requirement could require any number of SSHO's. Please further clarify the intent of this requirement. Can the Superintendent or members of the installation crew function as the

SSHO provided that they have the necessary safety certifications? If not, can the SSHO perform other functions, and if so, what restrictions would be placed on their activities?

ANSWER: See response to Question 56.

113. REFERENCE: Specifications NNK12421032R, Section 01 35 26 – Governmental Safety Requirements and 79K38877, Volume 4, Sheet D-1 and D-2

QUESTION: Paragraph 1.5.1.3 requires a Certified Industrial Hygienist (CIH) for the W-3 Pump Station work. What is the intended function of the CIH as the only apparent scope involving W-3 Pump Station is demolition?

ANSWER: Correct, the certified industrial hygienist is required for the demolition to ensure proper personal protective equipment (PPE) and environmental procedures are adhered to.

114. REFERENCE: Solicitation, Section L.8 (c)

QUESTION: Section L.8 (c), paragraphs (5) and (6) state that “copies” of Past Performance Data from Prior Customers and Page 1 of the Past Performance Questionnaires are to be submitted with the offers, but does not state how many copies are to be submitted. Please clarify.

ANSWER: 2 copies of each of the documents above shall be provided

115. REFERENCE: Solicitation, Section L.8 (c)

QUESTION: Section L.8 (c) provides information as to what a properly submitted offer must contain. Of the eight (8) items listed that must be provided, there are differing number of copies required. Please clarify how an offer is to be submitted given the different number of copies required. Is it anticipated that the offers will be bound, and if so, how should the information be organized?

ANSWER: Section L.8 General Proposal Preparation Instructions, para (c)(1) is hereby changed to read; ‘One original and two signed copies, Solicitation Offer and Award, with Blocks 14 through 20c completed and signed by an authorized representative of the offeror. The person signing the offer must initial each erasure or change appending the offer. All other sections of para (c) are unchanged and require the stated number of copies of each document as stated in the solicitation, see also answer to question number 114 for para 5 and 6 of this section.

116. REFERENCE: 79K38877 VOL 5; Drawing D2, Flag Note A; 79K38878 Rev A, Section 01 11 00, Part 1.4.1, 6

QUESTION: Specific Flag Note A on sheet D2 states “Demolish W-1 Pump Station”. Section 01 11 00, 1.4.1, 6. States “This project does not include demolishing the existing W-1 Pump Station”. Which is correct?

ANSWER: The drawings are correct. The word “not” shall be removed from the specifications section 01 11 00.

117. REFERENCE: 79K38877 VOL 5; Drawing M3, Section A/M1/M3, Flag Note E

QUESTION: Flag Note E states “for piping component detail see sheet 14”. Sheet 14 has Civil Details?

ANSWER: Flag Note E is referring to Drawing I4 as in Drawing Instrumentation-4.

118. REFERENCE: 79K38877 VOL 4; Drawings C11-C13, C20

QUESTION: Plan sheets volume 4 of 5 pages 20 & 29 shows a 16" WM directional drill across the Banana River using ductile iron pipe (DIP) as the material required. A crossing of this length with DIP may be possible but using an alternative pipe material such as Fusible PVC would be more practical. FPVC has performed this type of installation across the US with outstanding success with lengths exceeding 7,000 LF and is a proven method. FPVC offers you a lighter material, monolithic assembly and is corrosion free (no poly bag required) with a less expensive installation cost. The profile has been reviewed for bend radius requirements and is well within the installation guidelines for FPVC. Suggest using 16" DR-25 per AWWA C-906. Will you allow the contractors to use Fusible PVC Pipe for the Banana River crossing in lieu of ductile iron?

ANSWER: No, Fusible PVC Pipe will not be permitted.

119. REFERENCE -----

QUESTION: Reference SF1442, block 13A, and RFP page 68, Section L, item (c), the SF 1442 states that offerors should submit 1 original and 3 copies of the proposal response. Section L of the RFP (page 68, item (c) identifies different requirements for the submittal of each proposal section. Please clarify the correct number of copies, in addition to the original, for submittal of the proposal response.

ANSWER: Block 13A of the SF1442 is hereby changed to read; 'Sealed offers in original and 2 copies to perform the work required are due at the place specified in Item 8 by 3:00 PM local time on 22 March, 2012. Section L.8 General Proposal Preparation Instructions, para (c)(1) is hereby changed to read; 'One original and two signed copies, Solicitation Offer and Award, with Blocks 14 through 20c completed and signed by an authorized representative of the offeror. The person signing the offer must initial each erasure or change appending the offer. All other sections of para (c) are unchanged and require the stated number of copies of each document as stated in the solicitation.